

Drugs and Alcohol in Crashes
Utah Highway Safety Office
Study Conducted in Partnership with the University of Utah
Revised August 8, 2023

Background

- The purpose of this study is to identify trends in alcohol and drugs present during crash events reported by law enforcement agencies statewide.
- By determining trends with alcohol and drug use in crash events, Highway Safety Office program managers can implement countermeasure strategies and activities to reduce future fatalities and serious injury crashes.
- The source for the statewide data in the following tables is taken from the Utah Transportation and Crash Data Initiative (UTAPS) held at the University of Utah. This is a partnership with the Utah Department of Public Safety, the Utah Department of Transportation, and the University of Utah. This partnership creates a one-source for crash data, improves data accuracy, provides for more efficient governance of the crash data, and creates opportunities for research.
- The source for the fatal crash data in the following tables is from the Fatality Analysis and Review System (FARS), part of a national network of fatality reporting funded through NHTSA. Utah has a research analysis that gathers and compiles a case file for each fatal crash event in Utah. Data from these events are entered into the national system. Data gathered for the case files is more extensive than a crash report. Other documents include toxicology reports, death certificates, and EMS reports.

Report Structure

This report contains the following sections:

- Fatal Crash Records with Both Drugs and Alcohol – Reported motor vehicle fatal crashes statewide with everyone involved in the crashes.
- Fatal Crash Records Drivers/Passengers – Reported motor vehicle fatal crashes analyzing only the Drivers/passengers (people inside the cars).
- Fatal Crash Records people outside of the vehicles – Reported motor vehicle fatal crashes analyzing only the people outside the vehicles (pedestrians, bicyclists, motorcyclists, etc.)
- Fatal Crash Records Drivers Only – Reported motor vehicle fatal crashes, analyzing only the drivers.
- Statewide Crash Records - All reported motor vehicle crashes statewide marked with a positive drug or alcohol test.
- Detailed Analysis of the type of drug, combinations, age groups, and gender in fatal crashes.

Fatal Crash Records with Both Drugs and Alcohol

- This dataset looks at all crashes involving both drugs and alcohol.
- The information source for this section is UTAPS.

Table 1 - Summary of Blood Alcohol Content (BAC) 2017 - 2022

Summary of Blood Alcohol Content (BAC)								
Year	Number of Toxicology Records	Number of Alcohol-Positive People	Average	Lowest	25 th Percentile	Middle	75 th Percentile	Highest
2017	102	36 (35%)	0.17	0.02	0.11	0.15	0.24	0.35
2018	118	52 (44%)	0.16	0.02	0.1	0.17	0.22	0.34
2019	99	26 (26%)	0.14	0.01	0.06	0.14	0.19	0.29
2020	134	47 (35%)	0.18	0.05	0.11	0.17	0.22	0.44
2021	156	61 (39%)	0.17	0.02	0.13	0.19	0.22	0.35
2022	176	64 (36%)	0.17	0.01	0.07	0.17	0.23	0.48
Overall	785	286 (36%)	0.17	0.01	0.1	0.17	0.22	0.48

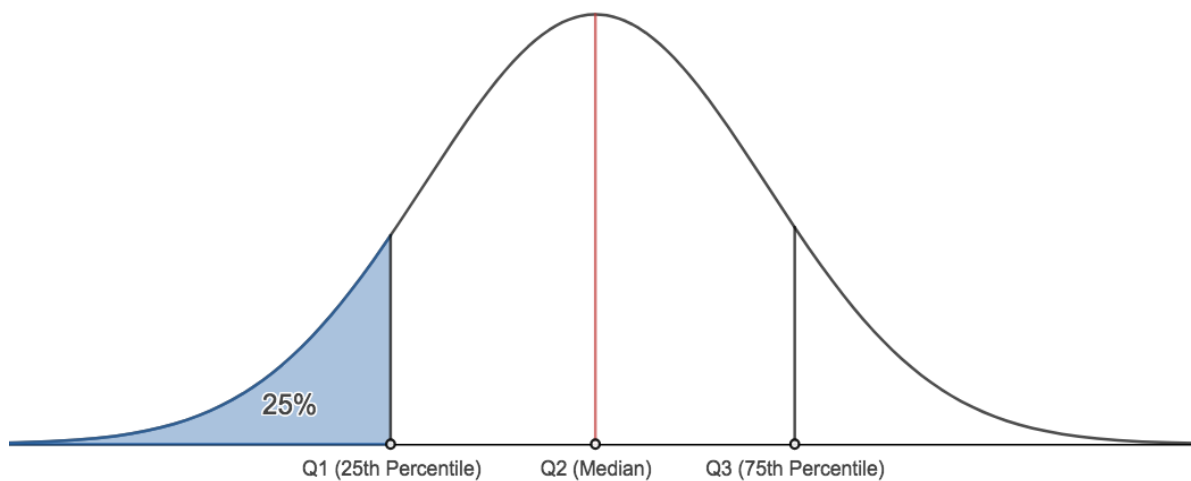


Table 2 - Percentage of Drugs Compared Across the Row 2017 - 2022

This table compares the drugs used within each year. For example, 2020 showed 44.7% Cannabis, 14.9% Depressants, 6.4% Narcotic, and 34.0% Stimulants of the total 47 drugs identified for that year.

Drug Comparison by Row					
Year	Cannabis	Depressants	Narcotic/Opioid	Stimulants	Total
2017	13 (39.4%)	11 (33.3%)	2 (6.1%)	7 (21.2%)	33
2018	16 (37.2%)	14 (32.6%)	2 (4.7%)	11 (25.6%)	43
2019	8 (25.0%)	13 (40.6%)	0 (0.0%)	11 (34.4%)	32
2020	21 (44.7%)	7 (14.9%)	3 (6.4%)	16 (34.0%)	47
2021	16 (32.0%)	16 (32.0%)	3 (6.0%)	15 (30.0%)	50
2022	23 (31.5%)	28 (38.4%)	7 (9.6%)	15 (20.5%)	73
Overall	97 (34.9%)	89 (32.0%)	17 (6.1%)	75 (27.0%)	278

Table 3 - Percentage of Drugs Compared Across all Years 2017 - 2022

This table compares the drugs used across all years. For example, Cannabis showed 13.4% in 2017, 16.5% in 2018, 8.2% in 2019, 21.6% in 2020, 16.4% in 2021, and 23.7% in 2022.

Drug Comparison by Column					
Year	Cannabis	Depressants	Narcotic/Opioid	Stimulants	Total
2017	13 (13.4%)	11 (12.4%)	2 (11.8%)	7 (9.3%)	33 (11.9%)
2018	16 (16.5%)	14 (15.7%)	2 (11.8%)	11 (14.7%)	43 (15.5%)
2019	8 (8.2%)	13 (14.6%)	0 (0.0%)	11 (14.7%)	32 (11.5%)
2020	21 (21.6%)	7 (7.9%)	3 (17.6%)	16 (21.3%)	47 (16.9%)
2021	16 (16.5%)	16 (18.0%)	3 (17.6%)	15 (20.0%)	50 (18.0%)
2022	23 (23.7%)	28 (31.5%)	7 (41.2%)	15 (20.0%)	73 (26.3%)
Overall	97	89	17	75	278

Table 4 - Percentage of Drugs Compared to the number of people involved 2017 - 2022

This table compares the specific drugs to the number of people involved in the testing. Note: The total equals more than 100%, accounting for people using more than one drug.

Drug Summary Compared to the Number of People Involved						
Year	People	Cannabis	Depressants	Narcotic/Opioid	Stimulants	Total
2017	20	13 (0.65)	11 (0.55)	2 (0.1)	7 (0.35)	0.33 (1.65)
2018	31	16 (0.52)	14 (0.45)	2 (0.06)	11 (0.35)	0.43 (1.39)
2019	16	8 (0.5)	13 (0.81)	0 (0)	11 (0.69)	0.32 (2)
2020	31	21 (0.68)	7 (0.23)	3 (0.1)	16 (0.52)	0.47 (1.52)
2021	31	16 (0.52)	16 (0.52)	3 (0.1)	15 (0.48)	0.5 (1.61)
2022	40	23 (0.58)	28 (0.7)	7 (0.18)	15 (0.38)	0.73 (1.83)
Overall	169	97 (0.57)	89 (0.53)	17 (0.1)	75 (0.44)	2.78 (1.64)

All Crash Records with Both Drugs and Alcohol Analyzing ONLY those Inside the Vehicle.

- This dataset analyzes the people inside the vehicle (driver/passengers) for both drug and alcohol.
- The information source for this section is UTAPS.

Table 1 - Summary of Blood Alcohol Content (BAC) for People Inside the Vehicles 2017 - 2022

Summary of Blood Alcohol Content (BAC)								
Year	Number of Toxicology Records	Number of Alcohol Positive People	Average	Lowest	25 th Percentile	Middle	75 th Percentile	Highest

2017	73	16 (22%)	0.19	0.11	0.13	0.17	0.24	0.34
2018	79	24 (30%)	0.14	0.03	0.09	0.14	0.19	0.26
2019	63	8 (13%)	0.17	0.01	0.11	0.17	0.24	0.29
2020	94	20 (21%)	0.18	0.05	0.13	0.18	0.24	0.34
2021	115	22 (19%)	0.19	0.04	0.14	0.19	0.22	0.35
2022	65	20 (31%)	0.16	0.03	0.06	0.14	0.23	0.38
Overall	489	110 (22%)	0.17	0.01	0.11	0.16	0.23	0.38

Table 2 - Percentage of Drugs Compared Across the Row for People Inside the Vehicle 2017 - 2022

This table compares the drugs used within each year. For example, 2022 showed 35.3% Cannabis, 29.4% Depressants, 11.8% Narcotic, and 23.5% Stimulants of the total 34 drugs identified for that year.

Drug Comparison by Row					
Year	Cannabis	Depressants	Narcotic/Opioid	Stimulants	Total
2017	11 (39.3%)	10 (35.7%)	2 (7.1%)	5 (17.9%)	28
2018	14(42.4%)	9 (27.3%)	0 (0.0%)	10 (30.3%)	33
2019	7 (38.9%)	5 (27.8%)	0 (0.0%)	6 (33.3%)	18
2020	16(55.2%)	4 (13.8%)	2 (6.9%)	7 (24.1%)	29
2021	13 (36.1%)	10 (27.8%)	3 (8.3%)	10 (27.8%)	36
2022	12 (35.3%)	10 (29.4%)	4 (11.8%)	8 (23.5%)	34
Overall	73 (41.0%)	48 (27.0%)	11 (6.2%)	46 (25.8%)	178

Table 3 - Percentage of Drugs Compared Across all Years for People Inside the Vehicle 2017 - 2022

This table compares the drugs used across all years. For example, Cannabis showed 15.1% in 2017, 19.2% in 2018, 9.6% in 2019, 21.9% in 2020, 17.8% in 2021, and 16.4% in 2022.

Drug Comparison By Column					
Year	Cannabis	Depressants	Narcotic/Opioid	Stimulants	Total
2017	11 (15.1%)	10 (20.8%)	2 (18.2%)	5 (10.9%)	28 (15.7%)
2018	14 (19.2%)	9 (18.8%)	0 (0.0%)	10 (21.7%)	33 (18.5%)
2019	7 (9.6%)	5 (10.4%)	0 (0.0%)	6 (13.0%)	18 (10.1%)
2020	16 (21.9%)	4 (8.3%)	2 (18.2%)	7 (15.2%)	29 (16.3%)
2021	13 (17.8%)	10 (20.8%)	3 (27.3%)	10 (21.7%)	36 (20.2%)
2022	12 (16.4%)	10 (20.8%)	4 (36.4%)	8 (17.4%)	34 (19.1%)
Overall	73	48	11	46	178

Table 4 - Percentage of Drugs Compared to the number of people involved 2017 - 2022

This table compares the specific drugs to the number of people involved in the testing. Note: The total equals more than 100%, accounting for people using more than one drug.

Drug Summary Compared to the Number of People Involved						
Year	People	Cannabis	Depressants	Narcotic/Opioid	Stimulants	Total
2017	16	11 (0.69)	10 (0.63)	2 (0.13)	5 (0.31)	0.28 (1.75)
2018	24	14 (0.58)	9 (0.38)	0 (0)	10 (0.42)	0.33 (1.38)
2019	8	7 (0.88)	5 (0.63)	0 (0)	6 (0.75)	0.18 (2.25)

2020	20	16 (0.8)	4 (0.2)	2 (0.1)	7 (0.35)	0.29 (1.45)
2021	22	13 (0.59)	10 (0.45)	3 (0.14)	10 (0.45)	0.36 (1.64)
2022	20	12 (0.6)	10 (0.5)	4 (0.2)	8 (0.4)	0.34 (1.7)
Overall	110	73 (0.66)	48 (0.44)	11 (0.1)	46 (0.42)	1.78 (1.62)

All Crash Records with Both Drugs and Alcohol Analyzing ONLY those not in Vehicles.

- This dataset analyzes the people not inside the vehicle (pedestrians, motorcyclists, bicyclists, etc.) with both drugs and alcohol.
- The information source for this section is UTAPS.

Table 1 - Summary of Blood Alcohol Content (BAC) 2017 – 2022

Summary of Blood Alcohol Content (BAC)								
Year	Number of Toxicology Records	Number of Alcohol Positive People	Average	Lowest	25 th Percentile	Middle	75 th Percentile	Highest
2017	29	8 (28%)	0.16	0.03	0.08	0.14	0.26	0.28
2018	39	17 (44%)	0.16	0.02	0.09	0.18	0.24	0.31
2019	36	13 (36%)	0.14	0.02	0.09	0.15	0.17	0.27
2020	40	16 (40%)	0.2	0.05	0.14	0.19	0.23	0.44
2021	41	19 (46%)	0.17	0.02	0.13	0.16	0.21	0.31
2022	111	36 (32%)	0.18	0.01	0.07	0.18	0.25	0.48
Overall	296	109 (37%)	0.17	0.01	0.1	0.16	0.23	0.48

Table 2 - Percentage of Drugs Compared Across the Row for People Outside of the Vehicle 2017 - 2022

This table compares the drugs used within each year. For example, 2017 showed 40% Cannabis, 1% Depressants, 0% Narcotic, and 40% Stimulants of the total 5 drugs identified for that year.

Drug Comparison by Row					
Year	Cannabis	Depressants	Narcotic/Opioid	Stimulants	Total
2017	2 (40.0%)	1 (20.0%)	0 (0.0%)	2 (40.0%)	5
2018	2 (20.0%)	5 (50.0%)	2 (20.0%)	1 (10.0%)	10
2019	1 (7.1%)	8 (57.1%)	0 (0.0%)	5 (35.7%)	14
2020	5 (27.8%)	3 (16.7%)	1 (5.6%)	9 (50.0%)	18
2021	3 (21.4%)	6 (42.9%)	0 (0.0%)	5 (35.7%)	14
2022	11 (28.2%)	18 (46.2%)	3 (7.7%)	7 (17.9%)	39
Overall	24 (24.0%)	41 (41.0%)	6 (6.0%)	29 (29.0%)	100

Table 3 - Percentage of Drugs Compared Across all Years for People Outside of the Vehicle 2017 - 2022

This table compares the drugs used across all years. For example, Cannabis showed 8.3% in 2017, 8.3% in 2018, 4.2% in 2019, 20.8% in 2020, 12.5% in 2021, and 45.8% in 2022.

Drug Comparison By Column					
Year	Cannabis	Depressants	Narcotic/Opioid	Stimulants	Total
2017	2 (8.3%)	1 (2.4%)	0 (0.0%)	2 (6.9%)	5 (5.0%)
2018	2 (8.3%)	5 (12.2%)	2 (33.3%)	1 (3.4%)	10 (10.0%)
2019	1 (4.2%)	8 (19.5%)	0 (0.0%)	5 (17.2%)	14 (14.0%)
2020	5 (20.8%)	3 (7.3%)	1 (16.7%)	9 (31.0%)	18 (18.0%)
2021	3 (12.5%)	6 (14.6%)	0 (0.0%)	5 (17.2%)	14 (14.0%)

2022	11 (45.8%)	18 (43.9%)	3 (50.0%)	7 (24.1%)	39 (39.0%)
Overall	24	41	6	29	100

Table 4 - Percentage of Drugs Compared to the number of people involved 2017 - 2022

This table compares the specific drugs to the number of people involved in the testing. Note: The total equals more than 100%, accounting for people using more than one drug.

Drug Summary Compared to the Number of People Involved						
Year	People	Cannabis	Depressants	Narcotic/Opioid	Stimulants	Total
2017	4	2 (0.5)	1 (0.25)	0 (0)	2 (0.5)	0.05 (1.25)
2018	7	2 (0.29)	5 (0.71)	2 (0.29)	1 (0.14)	0.1 (1.43)
2019	8	1 (0.13)	8 (1)	0 (0)	5 (0.63)	0.14 (1.75)
2020	11	5 (0.45)	3 (0.27)	1 (0.09)	9 (0.82)	0.18 (1.64)
2021	9	3 (0.33)	6 (0.67)	0 (0)	5 (0.56)	0.14 (1.56)
2022	20	11 (0.55)	18 (0.9)	3 (0.15)	7 (0.35)	0.39 (1.95)
Overall	59	24 (0.41)	41 (0.69)	6 (0.1)	29 (0.49)	1 (1.69)

All Crash Records with Both Drugs and Alcohol Analyzing Drivers Only

- This dataset looks at all crashes involving both drugs and alcohol, analyzing only drivers
- The information source for this section is UTAPS.

Table 1 - Summary of Blood Alcohol Content (BAC) for drivers only 2017 – 2022

Summary of Blood Alcohol Content (BAC)								
Year	Number of Toxicology Records	Number of Alcohol Positive People	Average	Lowest	25 th Percentile	Middle	75 th Percentile	Highest
2017	65	16 (25%)	0.19	0.08	0.13	0.16	0.26	0.34
2018	75	18 (24%)	0.16	0.03	0.13	0.17	0.19	0.26
2019	67	13 (19%)	0.17	0.04	0.13	0.15	0.22	0.29
2020	92	20 (22%)	0.17	0.05	0.12	0.17	0.23	0.29
2021	106	19 (18%)	0.19	0.04	0.14	0.19	0.24	0.35
2022	80	19 (24%)	0.16	0.03	0.09	0.16	0.22	0.32
Overall	485	105 (22%)	0.17	0.03	0.13	0.16	0.23	0.35

Table 2 - Percentage of Drugs Compared Across the Row for Drivers Only 2017 - 2022

This table compares the drugs used within each year. For example, 2017 showed 33.3% Cannabis, 37.0% Depressants, 7.4% Narcotic, and 22.2% Stimulants of the total 27 drugs identified for that year.

Drug Comparison by Row					
Year	Cannabis	Depressants	Narcotic/Opioid	Stimulants	Total
2017	9 (33.3%)	10 (37.0%)	2 (7.4%)	6 (22.2%)	27
2018	9 (33.3%)	8 (29.6%)	1 (3.7%)	9 (33.3%)	27
2019	8 (34.8%)	9 (39.1%)	0 (0.0%)	6 (26.1%)	23
2020	16 (51.6%)	3 (9.7%)	2 (6.5%)	10 (32.3%)	31
2021	11 (36.7%)	8 (26.7%)	3 (10.0%)	8 (26.7%)	30

2022	13 (34.2%)	15 (39.5%)	3 (7.9%)	7 (18.4%)	38
Overall	66 (37.5%)	53 (30.1%)	11 (6.3%)	46 (26.1%)	176

Table 3 - Percentage of Drugs Compared Across all Years for Drivers Only 2017 - 2022

This table compares the drugs used across all years. For example, Cannabis showed 13.6% in 2017, 13.6% in 2018, 12.1% in 2019, 24.2% in 2020, 16.7% in 2021, and 19.7% in 2022.

Drug Comparison By Column					
Year	Cannabis	Depressants	Narcotic/Opioid	Stimulants	Total
2017	9 (13.6%)	10 (18.9%)	2 (18.2%)	6 (13.0%)	27 (15.3%)
2018	9 (13.6%)	8 (15.1%)	1 (9.1%)	9 (19.6%)	27 (15.3%)
2019	8 (12.1%)	9 (17.0%)	0 (0.0%)	6 (13.0%)	23 (13.1%)
2020	16 (24.2%)	3 (5.7%)	2 (18.2%)	10 (21.7%)	31 (17.6%)
2021	11 (16.7%)	8 (15.1%)	3 (27.3%)	8 (17.4%)	30 (17.0%)
2022	13 (19.7%)	15 (28.3%)	3 (27.3%)	7 (15.2%)	38 (21.6%)
Overall	66	53	11	46	176

Table 4 - Percentage of Drugs Compared to the number of people involved 2017 - 2022

This table compares the specific drugs to the number of people involved in the testing. Note: The total equals more than 100%, accounting for people using more than one drug.

Drug Counts as Proportions of People						
Year	People	Cannabis	Depressants	Narcotic/Opioid	Stimulants	Total
2017	16	9 (0.56)	10 (0.63)	2 (0.13)	6 (0.38)	0.27 (1.69)
2018	18	9 (0.5)	8 (0.44)	1 (0.06)	9 (0.5)	0.27 (1.5)

2019	13	8 (0.62)	9 (0.69)	0 (0)	6 (0.46)	0.23 (1.77)
2020	20	16 (0.8)	3 (0.15)	2 (0.1)	10 (0.5)	0.31 (1.55)
2021	19	11 (0.58)	8 (0.42)	3 (0.16)	8 (0.42)	0.3 (1.58)
2022	20	13 (0.65)	15 (0.75)	3 (0.15)	7 (0.35)	0.38 (1.9)
Overall	106	66 (0.62)	53 (0.5)	11 (0.1)	46 (0.43)	1.76 (1.66)

All Crash Records, All Injury Severity Levels with a Positive Drug or Alcohol Test Marked on Crash Report.

- This dataset looks at all crashes and all injury levels with a positive test for drugs and/or alcohol.
- The information source for this section is UTAPS.

Table 1 – Number of People with Drugs/Alcohol Positive Tests for All Severity Levels

Number of People with Drugs/Alcohol Positive Tests for All Severity Levels						
Year	Alcohol Only	Drugs Only	Alcohol and Drugs	Alcohol with or without Drugs	Drugs with or without Alcohol	Alcohol, Drugs, or Both
2017	830	143	33	863	176	1,006
2018	884	169	50	934	219	1,103
2019	887	169	37	924	206	1,093
2020	829	146	30	859	176	1,005
2021	891	154	48	939	202	1,093
2022	910	214	73	983	287	1,197

Detailed Analysis of Drugs Tested in Fatality Crashes

- The following tables are detailed analyses of the number of drugs, types of drugs found, and demographics.
- The information source for this section is FARS.

Table 1 – Number of Drugs in System where Individual was Positive for Drugs Only

Number of Drugs in System when Positive for Drugs Only					
	Number of Drugs				
Year	1	2	3	4	Total
2017	30 (45.5%)	14 (21.2%)	15 (22.7%)	7 (10.6%)	66
2018	39 (59.1%)	14 (21.2%)	10 (15.2%)	3 (4.5%)	66
2019	48 (64.9%)	21 (28.4%)	1 (1.4%)	2 (2.7%)	74
2020	46 (51.7%)	22 (24.7%)	15 (16.9%)	6 (6.7%)	89
2021	46 (48.4%)	32 (33.7%)	9 (9.5%)	6 (6.3%)	95
2022	55 (49.5%)	31 (27.9%)	15 (13.5%)	10 (9%)	111
Overall	264 (52.7%)	134 (26.7%)	65 (13%)	34 (6.8%)	501

Table 2 – Number of Drugs in System where Individual was Positive for Drugs and Alcohol

Number of Drugs in System when Positive for Drugs and Alcohol					
	Number of Drugs				
Year	1	2	3	4	Total
2017	13 (65%)	3 (15%)	2 (10%)	2 (10%)	20
2018	23 (74.2%)	5 (16.1%)	2 (6.5%)	1 (3.2%)	31

2019	7 (43.8%)	3 (18.8%)	5 (31.3%)	1 (6.3%)	16
2020	20 (64.5%)	7 (22.6%)	3 (9.7%)	1 (3.2%)	31
2021	18 (58.1%)	9 (29%)	2 (6.5%)	2 (6.5%)	31
2022	20 (50%)	10 (25%)	7 (17.5%)	3 (7.5%)	40
Overall	101 (59.8%)	37 (21.9%)	21 (12.4%)	10 (5.9%)	169

Table 3 – Top 5 Drugs Found When Positive for Drugs Only

	Top 5 Drugs when Positive for Drugs Only				
Year	Drug1	Drug2	Drug3	Drug4	Drug5
2017	Methamphetamine 24 (18.3%)	THC 14 (10.7%)	Oxycodone 7 (5.3%)	Amphetamine 6 (4.6%)	Citalopram 6 (4.6%)
2018	Methamphetamine 18 (16.5%)	THC 14 (12.8%)	Acetaminophen 6 (5.5%)	Sertraline 6 (5.5%)	Trazodone 6 (5.5%)
2019	THC 26 (25.7%)	Methamphetamine 15 (14.9%)	Fluoxetine 7 (6.9%)	Diphenhydramine 6 (5.9%)	Amphetamine 5 (5%)
2020	THC 31 (19.5%)	Methamphetamine 30 (18.9%)	Acetaminophen 7 (4.4%)	Citalopram 7 (4.4%)	Morphine 7 (4.4%)
2021	THC 31 (19.3%)	Methamphetamine 28 (17.4%)	Citalopram 8 (5%)	Trazodone 7 (4.3%)	Diphenhydramine 6 (3.7%)
2022	THC 37 (18.3%)	Methamphetamine 31 (15.3%)	Citalopram 11 (5.4%)	Ketamine 10 (5%)	Amphetamine 8 (4%)
Overall	THC 153 (17.7%)	Methamphetamine 146 (16.9%)	Citalopram 39 (4.5%)	Diphenhydramine 37 (4.3%)	Trazodone 29 (3.4%)

Table 4 – Top 5 Drugs Found When Positive for Drugs and Alcohol

Top 5 Drugs Found When Positive for Drugs and Alcohol					
Year	Drug1	Drug2	Drug3	Drug4	Drug5
2017	THC 39.4%	Citalopram 12.1%	Methamphetamine 9.1%	Amino clonazepam 6.1%	Fluoxetine 6.1%
2018	THC 37.2%	Citalopram 9.3%	Methamphetamine 9.3%	Diphenhydramine 4.7%	Sertraline 4.7%
2019	THC 25%	Trazodone 12.5%	Amphetamine 9.4%	Amino clonazepam 6.3%	Sertraline 6.3%
2020	THC 44.7%	Fluoxetine 10.6%	Methamphetamine 10.6%	Cocaine 4.3%	Diphenhydramine 4.3%
2021	THC 16 (32%)	Methamphetamine 7 (14%)	Cocaine 3 (6%)	Diphenhydramine 3 (6%)	Trazodone 3 (6%)
2022	THC 23 (31.5%)	Amphetamine 5 (6.8%)	Methamphetamine 5 (6.8%)	Hydroxyzine 4 (5.5%)	Cocaine 3 (4.1%)
Overall	THC 97 (34.9%)	Methamphetamine 24 (8.6%)	Citalopram 12 (4.3%)	Amphetamine 11 (4%)	Fluoxetine 11 (4%)

Table 5 – Depressants and Combinations of Drugs Found in Analysis 2017-2022

Depressants with Combinations of Other Drug Types 2017-2022						
Depressants	Number of people who took Drug	Number of people who took Drug in combination	Cannabis	Narcotic/Opioi d	Stimulant s	Alcohol
Citalopram	51	27	11	4	14	12
Diphenhydramine	47	26	4	7	14	10
Trazodone	39	22	5	3	14	10
Alprazolam	18	17	10	3	10	2

Aminoclonazepam	19	17	2	8	9	8
Ketamine	22	15	6	2	10	1
Levetiracetam	20	11	2	5	5	1
Lorazepam	14	11	3	5	3	4
Doxylamine	17	10	2	5	6	5
Lamotrigine	20	10	0	2	9	1
Hydroxyzine	10	8	5	0	4	5
Olanzapine	11	8	0	2	6	1
Cyclobenzaprine	10	6	2	3	2	2
Duloxetine	8	6	2	3	2	3
Midazolam	13	6	2	3	2	1
Zolpidem	8	6	0	2	3	2
Mirtazapine	7	5	0	0	5	1
Quetiapine	6	5	2	2	3	1
Gabapentin	5	4	0	1	4	0
Oxcarbazepine	7	4	1	0	2	3
Chlorpheniramine	4	3	0	2	0	2
Diazepam	6	3	2	0	1	1
Lidocaine	5	3	0	0	2	1
Nordiazepam	4	3	1	0	1	3
Temazepam	3	3	1	2	0	1
Amitriptyline	5	2	0	1	2	0
Clonazepam	2	2	2	0	0	1
Kratom	2	2	2	1	0	2
Venlafaxine	3	2	1	1	1	0
Acetaminophen	1	1	0	1	0	0
Aripiprazole	5	1	0	0	1	0
Carbamazepine	1	1	0	0	1	1
Doxepin	2	1	1	0	1	1

Duloxetine	2	1	0	0	0	1
Hydroxy	1	1	0	0	1	0
Lacosamide	1	1	1	0	0	1
Primidone	2	1	1	0	0	1
Promethazine	2	1	0	0	1	0

**Table 6 – Depressants by Number of People, Type of Road User, and Gender
2017-2022**

Depressants by Number of People, Type, and Gender 2017-2022			
	Number of People	Male	Female
Total	242	155	87
Drivers	126	81	44
Passengers	34	10	24
Pedestrians	45	30	15
Motorcycle Drivers	36	31	5
Motorcycle Passengers	4	1	3
Bicyclist	5	5	0

**Table 7 – Depressants by Age Group and Number of People in Those Age Groups,
2017-2022**

Depressants - Age Groups	Number of People in these Age Groups
0-12	5
13-19	13
20-29	36
30-39	47

40-49	47
50-59	33
60 & Older	62

Table 8 – Stimulants and Combinations of Drugs Found in Analysis 2017-2022

Stimulants and Combinations of Drugs Found in Analysis 2017-2022						
Stimulants	Number of people who took Drug	Number of people who took Drugs in combination	Cannabis	Depressants	Narcotic/Opioi d	Alcohol
Methamphetamine	169	98	47	36	25	24
Amphetamine	39	27	10	17	4	11
Fluoxetine	29	20	5	11	3	11
Acetaminophen	26	19	1	16	9	2
Sertraline	32	19	4	12	2	7
Venlafaxine	14	11	2	10	1	4
Bupropion	12	10	2	8	1	1
Cocaine	11	9	5	1	2	6
Mitragynine	7	6	2	2	0	3
Benzoylcegonine	5	5	3	3	2	1
Paroxetine	7	4	1	4	1	1
Quetiapine	3	3	1	2	1	1
Pseudoephedrine	4	2	0	2	0	0
Beta-Phenylethylamine	2	1	1	0	0	1
Ephedrine	1	1	1	0	0	0
Hydroxyzine	1	1	0	1	0	0
Levamisole	1	1	1	0	0	0

**Table 9 – Stimulants by Number of People, Type of Road User, and Gender
2017-2022**

Stimulants 2017-2022			
	Number of People	Male	Female
Total	349	243	106
Drivers	193	135	58
Passengers	39	16	17
Pedestrians	55	37	18
Motorcycle Drivers	49	46	3
Motorcycle Passengers	3	0	3
Bicyclist	10	8	2

**Table 10 – Stimulants by Age Group and Number of People in Those Age Groups,
2017-2022**

Stimulants- Age Groups	Number of people in these Age groups
0-12	4
13-19	11
20-29	68
30-39	77
40-49	77
50-59	53
60 & Older	4859

Table 11 – Cannabis and Combinations of Drugs Found in Analysis 2017-2022

Cannabis and Combinations of Drugs Found in Analysis 2017-2022						
Cannabis	Number of people who took Drug	Number of people who took Drugs in combination	Depressants	Narcotic/Opioid	Stimulants	Alcohol
THC	250	174	60	20	76	97
Delta 9 (THC)	1	1	0	0	1	0

Table 12 – Cannabis by Number of People, Type of Road User, and Gender 2017-2022

Cannabis 2017-2022			
	Number of People	Male	Female
Total	251	188	62
Drivers	157	125	32
Passengers	39	18	21
Pedestrians	21	16	5
Motorcycle Drivers	28	28	0
Motorcycle Passengers	2	0	2
Bicyclist	3	2	1

Table 13 – Cannabis by Age Group and Number of People in Those Age Groups, 2017-2022

Cannabis- Age Groups	Number of people in these Age groups
0-12	0
13-19	38
20-29	84
30-39	54

40-49	34
50-59	29
60 & Older	20

**Table 14 – Narcotic/Opioid and Combinations of Drugs Found in Analysis
2017-2022**

Narcotic/Opioid and Combinations of Drugs Found in Analysis 2017-2022						
Narcotic/Opioid	Number of people who took Drug	Number of people who took Drugs in combination	Cannabis	Depressants	Stimulants	Alcohol
Morphine	28	25	6	9	16	3
Oxycodone	19	18	5	12	12	2
Hydrocodone	9	9	1	7	4	1
Dextromethorphan	7	7	1	6	3	4
Fentanyl	12	7	2	6	2	0
Cocaine	6	6	4	2	3	4
Methadone	5	5	2	2	4	0
Tramadol	5	5	0	4	1	1
Hydromorphone	4	4	1	3	1	0
Heroin	2	2	0	1	2	0
Codeine	1	1	0	0	1	0
Eddp	1	1	0	0	1	0

**Table 15 – Narcotic/Opioid by Number of People, Type of Road User and Gender
2017-2022**

Narcotic/Opioid 2017-2022			
	Number of People	Male	Female
Total	103	70	33
Drivers	57	33	24

Passengers	16	8	8
Pedestrians	15	14	1
Motorcycle Drivers	13	13	0
Motorcycle Passengers	0	0	0
Bicyclist	2	2	0

Table 16 – Narcotic/Opioid by Age Group and Number of People in Those Age Groups, 2017-2022

Narcotic/Opioid- Age Groups	Number of people in these Age groups
0-12	1
13-19	5
20-29	15
30-39	23
40-49	14
50-59	19
60 & Older	23

Table 17 – Alcohol by Number of People, Type of Road User, and Gender 2017-2022

Alcohol 2017-2022			
	Number of People	Male	Female
Total	287	221	66
Drivers	146	113	33
Passengers	48	27	21
Pedestrians	46	37	9
Motorcycle Drivers	44	43	1
Motorcycle Passengers	2	0	2
Bicyclist	1	1	0

Table 18 – Alcohol by Age Group and Number of People in Those Age Groups, 2017-2022

Alcohol - Age Groups	Number of people in these Age groups
0-12	1
13-19	16
20-29	83
30-39	72
40-49	55
50-59	36
60 & Older	24

Table 19 – Alcohol and or Drugs by Hispanic Origin Or Non-Hispanic Origin

Alcohol and or Drugs	2017	2018	2019	2020	2021	2022
Non-Hispanic	68	70	62	67	79	140
Hispanic	6	6	1	4	2	12
Mexican	5	7	8	13	11	28
European	1	1	0	0	0	0
Unknown	0	0	0	2	1	1

Table 20 – Alcohol and or Drugs by Race

Alcohol and or Drugs	2017	2018	2019	2020	2021	2022
White	55	72	63	74	82	153
Black	1	1	0	2	4	8
American-Indian or Alaska Native	3	5	0	2	1	11
Asian	3	0	0	1	2	1
Filipino	0	1	0	0	2	1
Cuban	0	0	2	0	0	0

Puerto Rican	0	0	1	0	0	0
Vietnamese	0	0	0	0	0	1
Other Race	0	0	0	0	0	4
Native Hawaiian	0	0	0	0	0	1
Unknown	3	3	5	7	2	1

Table 21 – Drugs Only by Hispanic Origin Or Non-Hispanic Origin

Drugs Only	2017	2018	2019	2020	2021	2022
Non-Hispanic	67	70	63	67	79	125
Hispanic	3	4	1	4	2	12
Mexican	5	7	8	13	11	19
European	1	1	0	0	0	0
Unknown	1	0	0	2	1	0

Table 22 – Drugs Only by Race

Drugs Only	2017	2018	2019	2020	2021	2022
White	68	73	64	74	82	131
Black	1	1	1	2	4	8
American-Indian or Alaska Native	3	4	2	1	1	8
Asian	3	0	0	1	2	1
Filipino	0	1	0	0	2	2
Cuban	0	0	0	0	0	0
Puerto Rican	0	0	0	0	0	0
Vietnamese	0	0	1	0	0	2
Native Hawaiian	0	0	0	0	0	1
Unknown-other races	3	3	4	7	2	3

Table 23 – Alcohol Only by Hispanic Origin Or Non-Hispanic Origin

Alcohol Only	2017	2018	2019	2020	2021	2022
Non-Hispanic	28	30	20	25	29	52
Hispanic	3	6	0	3	3	2
Mexican	3	5	3	9	11	12
European	5	1	0	0	1	0
Unknown	0	0	0	0	0	1

Table 24 – Alcohol Only by Race

Alcohol Only	2017	2018	2019	2020	2021	2022
White	29	64	21	29	41	53
Black	1	1	0	1	1	1
American-Indian or Alaska Native	5	3	1	3	1	3
Asian	0	0	0	0	0	1
Filipino	0	1	0	0	0	1
Cuban	0	0	0	0	0	0
Samoan	0	1	0	0	0	0
Puerto Rican	0	0	0	0	0	0
Vietnamese	0	0	1	0	0	0
Unknown-other races	0	2	0	4	1	2